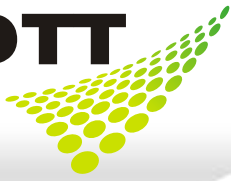


**NDTT**



**PORTABLE HARDNESS TESTER**

**DP 300**

The Hardness Tester DP 300 measures by the dynamic measurement principle, in all directions, for all metals with high accuracy and wide amplitude in the measurement range.

- According to ASTM standard A-956-96
- Impact Devices specific to application requirements
- Measurements in areas difficult to access
- Quality Control in component assemblies
- Light weight & user-friendly
- Large display screen with backlight

**Portable Hardness Tester, Model DP 300 including:**

- Electronic Unit DP 300
- Impact Device "D"
- Spare Carbide Ball Tip, Type "D"
- Certified Test Block "D"
- Instruction Manual
- 5 N os. AA Batteries
- Data transfer software with cable
- Cleaning Brush
- Spare adapter to adapt to smaller diameters
- Couplant (150 gms) to improve adhesion on large samples
- Carrying Case



Impact Device model D	Impact Device model C	Impact Device model DC	Impact Device model D+15	Impact Device model DL	Impact Device model G
Universal device for most of hardness requirements	Reduced energy impact. Ca 1/4 of model D. For fine harden surfaces, thin coating layers of breakable parts	Shortest available for testing into holes, cylinders or internal test in mechanical parts	Smaller diameter with supporting area with retractable brush. for testing into narrow areas of deeper holes	Reduced body diameter only 2.78 mm in the head, length 50 mm. for testing in reduced and difficult to reach areas	Increased impact body energy. Ca that 9 times of model D. measuring in Brinell scale up to 650HB for massive materials. foundry and cast iron parts forgings



**Technical Characteristics**

**Graphic Screen**

128 x 128 with backlight  
Visible area 68.2 x 68.2mm

**Software**

Operator friendly interactive software, can be programmed by keyboard

**Connection** to the most important impact units brands in the world D, DC, D+15, C, G, DL, E

**Impact device auto recognition**

**Hardness Units**

HB (Brinell), HV (Vickers), HRC (Rockwell C), HRB (Rockwell B), HS (Shore D), HLD (Leeb)

**Precision**

+/- 0, 5 (referred to: L=800 +/-4u. HLD)

**Impact Direction**

Can be selected in all directions

**Materials**

Steels

Aluminium Alloys  
Iron Casting (Grey, Nodular)  
Brass  
Copper Alloy

**Hardness Range**

80-650 Brinell  
80-940 Vickers  
20-68 Rockwell C  
30-100 Rockwell B  
30-100 Shore D  
30-160 Brinell  
90-380 Brinell  
40-170 Brinell  
13-100 Rockwell B  
45-135 Brinell

**Memory Capacity** 2040

**Output** RS 232

**Power Supply** Batteries 5 Pilas AA

**Dimensions** 144 x 266 x 59mm

**Weight** 700g

Optional

- Adapter 90/240 VAC 50/60 Hz